

# CONFIDENTIAL

## REMEDIAL SITE ASSESSMENT DECISION - EPA REGION 5

Site Name: Decatur/Barding & Spawr Landfill EPA ID#: ILD 984766378

Alias Site Names: \_\_\_\_\_

City: Decatur County or Parish: Macon State: IL

Refer to Report Dated: Sept. 30, 1994 Report type: Screening Site Inspection (SSI)

Report developed by: BVWSI

US EPA RECORDS CENTER REGION 5



488608

### DECISION:

1. Further Remedial Site Assessment under CERCLA (Superfund) is not required because:

1a. Site does not qualify for further remedial site assessment under CERCLA

(No Further Remedial Action Planned - NFRAP)

1b. Site may qualify for further action, but is deferred to:

RCRA  
NRC

✓ 2. Further Assessment Needed Under CERCLA: 2a. Priority: ✓ Higher Lower

2b. Activity Type: PA SI ✓ ESI HRS evaluation

Other: SAT prioritization

### DISCUSSION/RATIONALE: This report is complete and final.

This site warrants further evaluation due to observed releases to groundwater and surface water. Recommend prioritization for SAT formation and further ESI activities.  
Pre Score exceeded 28.5

Report Reviewed and Approved by: Alan Altur Signature: Alan Altur Date: 9/30/94

Site Decision Made by: Alan Altur Signature: Alan Altur Date: 9/30/94

5757  
5757  
W. H. H.

HRS Score: 51.67  
Site Name: Decatur / Barding + Spawr Landfill  
CERCLIS ID No.: ID 984766378

SCREENING SITE INSPECTIONS  
EXPANDED SITE INSPECTIONS\*\*

\*\*TAKEN FROM GUIDANCE FOR PERFORMING SITE INSPECTIONS UNDER  
CERCLA INTERIM FINAL DATED SEPTEMBER 1992

✓ 1) NARRATIVE REPORT INCLUDING

INTRODUCTION

SITE DESCRIPTION/REGULATORY HISTORY

OPERATIONAL HISTORY/WASTE CHARACTERISTICS

PRESENTATION OF ANALYTICAL DATA

PATHWAY DISCUSSIONS

SUMMARY

✓ 2) PHOTO DOCUMENTATION

✓ 3) TOPOGRAPHIC MAPS INCLUDING 4-MILE AND 15-MILE RADIUS

✓ 4) SITE SKETCH

✓ 5) SITE LOCATION MAP

✓ 6) WELL LOGS

✓ 7) OTHER APPENDICES

✓ 8) REFERENCES

✓ 9) TRANSMITTAL MEMO OR LETTER INDICATING EVENT QUALIFIER

✓ 10) PREScore Worksheets

✓ 11) EPA FORM 2070-13

Reviewer: Alan Altur  
Date Approved: 9/30/94

# CONFIDENTIAL

## REMEDIAL SITE ASSESSMENT DECISION - EPA REGION 5

Site Name: Seymour Sycamore EPA ID#: 14D 005-100789

Alias Site Names: \_\_\_\_\_

City: Sycamore County or Parish: DeKalb State: GA

Refer to Report Dated: 3/7/97 Report type: IA/SI

Report developed by: IEPA

### DECISION:

#### 1. FURTHER REMEDIAL SITE ASSESSMENT UNDER SUPERFUND IS NOT REQUIRED BECAUSE:

☐ NFRAP = SITE ASSESSMENT WORK COMPLETED, NO FURTHER WORK NECESSARY,  
NPL NOT APPROPRIATE  
☐ ARCHIVE = ALL FEDERAL STEPS COMPLETED ☐ DEFERRED = RCRA/NRC

#### 2. FURTHER ASSESSMENT NEEDED UNDER CERCLA:

H = ELIGIBLE FOR ADDITIONAL WORK - ACTIVITY: ☐ PA; ☐ SSI; ☐ IA; ☐ STEP; ☐ ESI

G = READY FOR SAT ASSIGNMENT

☒ L = BEING ADDRESSED UNDER STATE AUTHORITY

F = REFERRED TO REMOVAL W/FURTHER ASSESSMENT NEEDED

W = REFERRED TO REMOVAL W/O FURTHER ASSESSMENT NEEDED

A = PART OF NPL SITE

### DISCUSSION/RATIONALE: see attached memo

Report Reviewed and Approved by: \_\_\_\_\_ Signature: J. H. [Signature] Date: 4/1/97

Site Decision Made by: \_\_\_\_\_ Signature: J. H. [Signature] Date: 4/1/97

- EAI and - SI

- 5378-

C3

cf

# REMEDIAL SITE ASSESSMENT DECISION - EPA REGION V

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EPA ID: ILD984766378 Site Name: DECATUR/BARDING & SPAWR LANDFILL

State ID:

Alias Site Names: DECATUR/BARDING & SPAWR LANDFILL

City: DECATUR

County or Parish: MACON

State: IL

Refer to Report Dated: 9/97 (not dated)

Report Type: EXPANDED SITE INSPECTION 001

Report Developed by: 1 EPA

## DECISION:

☒ 1. Further Remedial Site Assessment under CERCLA (Superfund) is not required because:

☒ 1a. Site does not qualify for further remedial site assessment under CERCLA (No Further Remedial Action Planned - NFRAP)

☐ 1b. Site may qualify for action, but is deferred to:

☐ 2. Further Assessment Needed Under CERCLA:

2a. Priority: ☐ Higher ☐ Lower

2b. Other: (recommended action) NFRAP (No Further Remedial Action Planned)

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## DISCUSSION/RATIONALE:

based on the findings of the step, no targets are within the 4-miles of the site.

Site Decision Made by:

Signature:

Date: 09/16/97

## **SITE PRIORITY RECOMMENDATION**

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It is recommended that the Decatur/Barding & Spawr Landfill (ILD 984 766 378) located in Macon County, Illinois be given a No Further Remedial Action Planned designation. This recommendation is based on sampling at the site during the both the CERCLA Site Inspection Prioritization and CERCLA Site Team Evaluation Prioritization.

Although groundwater samples collected from the landfill indicate some contamination, only selenium and thallium were found at concentrations exceeding the MCL. No public drinking water supply wells are known to exist within 4 miles of the site, and the nearby private wells, which are believed to be upgradient of the landfill, have not been found to be affected.

Runoff from the site enters the Sangamon River, which borders a portion of the landfill. Although sediment samples were found to contain various semi-volatile organic compounds, pesticides, and inorganic compounds, the concentrations were not significantly above the background sample concentrations. No known drinking water intakes exist within 15 miles downstream of the site. Wetlands do exist along the surface water pathway. It is estimated that 15.5 miles of wetland frontage exist, primarily consisting of palustrine, broad-leaved deciduous forest.

Because the years of operation of the landfill, it never underwent closure. The site is, however, fairly well vegetated with tall grasses and in some areas, trees. Due to erosion and leachate seepage, a few areas of exposed soil are present. Site access is not restricted, but the location of the site does not lend itself to passersby or recreational use. An estimated 77 people reside within 1/4 mile of the site.

No releases to the air pathway are documented or suspected. The presence of vegetation over the majority of the site should minimize the likelihood of windblown contaminants leaving the site.

**Site Priority Recommendation  
Decatur/Barding & Spawr Landfill  
ILD 984 766 378**

A high priority status for further investigation is recommended for the Decatur/Barding & Spawr Landfill. This recommendation is based on the results of sampling conducted as part of the Comprehensive Environmental Response, Compensation and Liability Act screening site inspection of the Decatur/Barding & Spawr Landfill.

Analyses of water samples collected from an offsite residential well, an onsite well, and five offsite monitoring wells establish observed releases of one pesticide and eight inorganic substances to the groundwater pathway. An estimated population of 6,525 persons use groundwater as a drinking water source within four miles of the site.

Sediment sampling shows arsenic and one pesticide are present in the surface water pathway. Part of the site is contiguous with the Sangamon River. Wetlands and fisheries in and adjacent to the river are exposed to runoff from the site. No surface water intakes are known to exist within fifteen miles downstream of the site.

Analyses of soil samples collected from less than one foot below the ground surface show three pesticides and five inorganic substances have been released to onsite soils. No school, daycare center, or occupied residence exists within 200 feet of established source areas. No workers are on the landfilled part of the property; however, workers are present at a business in the northeastern corner of the site. About 820 persons reside within one mile of the site.

No air samples were collected in this investigation. A vegetated soil cover is in place; however, the thickness and condition of the cover are not known.

It is not known if the landfill has an impermeable liner. The types of waste landfilled at the site are not well documented. No monitoring wells exist on the site; however, one industrial well is located in the northeastern corner of the site.

The presence of nearby targets causes concern for the groundwater and surface water pathways. Concern for the soil and air pathways is minimized by the presence of a soil cover and lack of onsite targets. Further study is needed to adequately characterize the source of the observed releases. A high priority status for further investigation is recommended.



DATE: July 31, 1998

TO: Jeanne Griffin

FROM: Kenneth W. Corkill

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SUBJECT: NFRAP for Decatur/Barding & Spawr Landfill (ILD984766378)  
965 South Wyckles  
Decatur, IL. Macon Co.

Based on review and evaluation of all documentation and actions associated with the subject site, the resultant Hazard Ranking System score has been calculated to be below 28.5. The Agency therefore recommends No Further Remedial Action Planned (NFRAP) for this site.

**SAMPLE FORMAT**  
**SITE MANAGEMENT STRATEGY**

Name of Site: *DECATUR/BARDING & SPAHR LANDFILL*

Site ID Number: *ILD 984766378*

Location: *965 SOUTH WYCKLES  
DECATUR, IL. MACON CO.*

Prepared by: *KENNETH W. CORKILL*

List both State and EPA Site Assessment Team Members

**Statement of Purpose:**

Provide some background on Team work and reference detailed briefing memo that is attached to all Strategy papers

**Site Action Strategy:**

Discuss priority of site, size of site and contamination, and conclude with listing of recommendations.

**Approved by:**

Document signed by Region 5 Superfund Division Director and State Superfund Program Director for complex/controversial sites. Otherwise, signed by Region 5 Superfund Branch Chief and State management equivalent.

Attachment - Enforcement Confidential Memorandum that covers overview, site description/history, current conditions/ future activities, health and ecological assessment, enforcement, community involvement, and proposed site strategy



## PROPOSED CRITERIA FACTORS SCORE SHEET

Site name: DECATUR/BARDING & SPAUR LANDFILL

ID/Database number: ILD 984766378

County: MACON

District: 18

Site contact:

Due to the subjective nature of the numerical scores, please provide any relevant supporting information in the format below to assist in prioritization.

<b>Factor A</b> <b>Risks to human population exposed score:</b> <b>(circle or bold)</b> <i>Please provide information/ comments on:</i>	1   2   3   4   5
Density/ size of exposed population	
Receptor distance from site	
Sensitive subpopulations (elderly, children, pregnant receptors)	
Current/ future likelihood of exposure	
Current/ future land use	
ATSDR recommendations	
<b>Factor B</b> <b>Stability score: (circle or bold)</b> <i>Please provide information/ comments on:</i>	1   2   3   4   5
Contaminant mobility and volatility in different media	
Driver contaminants	
Site structure (geological, man made)	
Presence and effectiveness of physical and/or institutional controls	
<b>Factor C</b> <b>Contaminant characteristics score: (circle or bold)</b> <i>Please provide information/ comments on:</i>	1   2   3   4   5
Volume of contaminant to be addressed	
Exceedances of the hazard index or carcinogenic risk range	

Exceedances of ecological benchmarks	
Exceedances of ARARs	
<b>Factor D</b> <b>Threat to significant environments score:</b> <b>(circle or bold)</b> <i>Please provide information/ comments on:</i>	1   2   3   4   5
Sensitive environments (wetlands, wilderness areas, nature preserves, wildlife sanctuaries)	
Impact on ecologically important receptors/ endangered species	
Size of environment impacted	
Releases from other sources in area	
<b>Factor E</b> <b>Program management considerations score:</b> <b>(circle or bold)</b> <i>Please provide information/ comments on:</i>	1   2   3   4   5
Use of innovative technology	
Economic redevelopment benefits	
Site profile (including environmental justice concerns)	
Delay costs at the site	
Stage of site in the process (proposed remedial action completes clean up)	
<b>Additional information requested:</b>	
Future action proposed by district (i.e., non time-critical removal, NPL listing)	
Media to be addressed	
State versus Federal lead (recommendation)	
Brief site description/ history	
Investigations/ dates	
Any other relevant information	

## Site Name: DECATUR/BARDING &amp; SPAWR LANDFILL

				Planned				Actual				Qualifier	Takeover/Phased Indicator	SCAP Note
				Start	FYQ	Complete	FYQ	Start	Complete					
			00	DISCOVERY	1	S	00/00/00		00/00/00		00/00/00	04/08/88		
			00	PRELIMINARY ASSESSMENT	1	S	00/00/00		00/00/00		00/00/00	12/01/89	H	
			00	SITE INSPECTION	1	S	00/00/00		00/00/00		01/05/93	09/30/94	H	
			00	EXPANDED SITE INSPECTION	1	S	00/00/00		00/00/00		11/18/96	09/16/97	N	

Site Name: DECATUR/BARDING &amp; SPAWR LANDFILL

			Planned						Actual					Takeover/Phased Indicator	SCAP Note	
				Action Name	Seq	Lead	Start	FYQ	Complete	FYQ	Start	Complete				
			00	DISCOVERY	1	S	00/00/00		00/00/00		00/00/00	04/08/88				
			00	PRELIMINARY ASSESSMENT	1	S	00/00/00		00/00/00		00/00/00	12/01/89			H	
			00	SITE INSPECTION	1	S	00/00/00		00/00/00		01/05/93	09/30/94			H	
			00	EXPANDED SITE INSPECTION	1	S	00/00/00		00/00/00		11/18/96	09/16/97			N	



Site Short Name:	DECATUR/BARDING & SPAWR L	Archive Ind:	
Owner Operator Type:	Unknown	Archive Date:	04/14/98
Operational Status:	(Blank)	NPL Status:	Not on the NPL
Federal Facility Indicator:	Not a Federal Facility	RCRA Site:	
Site Type:	(Blank)	Incident Type:	(Blank)
Responsible Federal Agency:	(Blank)		
Description:			